TRIO

DVD-845
DVDPLAYER

DVD

INSTRUCTION MANUAL

Thank you for choosing the DVD player. For maximum enjoyment and prolonged life of the DVD player, we strongly recommend that you read the instruction manual carefully before attempting to operate the unit. Please store this manual in a safe place for future reference.

Digital Video Discs is the best source of movies for your home theatre. The latest digital technology allows compression of an entire movie onto one disc and combined with Dolby Digital (5.1 channel) digital surround sound, provides greater picture clarity and sound fidelity of any video player on the market.

● Built-in DTS, Dolby Digital (AC-3), HDCD, PCM Decoder

● Hi-Fi sound quality; 96kHz/24bit's digital to analog converter

● Software intelligent upgrade

● YUV high luminance chromatism component output

● Professional digital Karaoke

● Optical/Coaxial output

● 3D virtual surround sound

● Compatible with DTS-CD/DVD-Video/DVD-R/W/HDCD/CVD/VCD/SVCD

/DVCD/CD/CD-R/W/MP3/Kodak Picture CD/MR.OKO

● Latest fourth generation server has superior error-correction to provide greater picture clarity

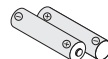**Accessories:**

Guarantee Card

Instruction Manual

Remote control

Audio/Video cable

AAA Battery

POINTS FOR ATTENTION

Attention: To reduce the risk of fire and electric shock, do not expose this unit to rain or moisture.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CLASS 1

LASER PRODUCT

CAUTION:

To reduce the risk of fire and electrical shock, do not remove the cover of this unit. Please refer all servicing difficulties to qualified technicians . This lightning flash arrow symbol in a triangle, is intended to alert users to the presence of non-insulated high voltage within the product`s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to person. The exclamation point symbol in a triangle is intended to alert users to the presence of important operating and maintenance instructions in the literature accomnying the unit.

CLASS1:

LASER PRODUCT - This marking indicates the presence of laser beams used in this unit, and CLASS 1 refers to laser beams of the weaker class. There is no danger of hazardous radiation outside this unit.

IMPORTANT NOTICE: REFER SERVICING ONLY TO QUALIFIED SERVICE PERSONNEL

• Read through this instruction manual before installation and use.

• To disconnect the power cord, hold the plug instead of pulling on the cord.

• Switch off the main power when the unit is not in use. (Disconnect the power plug from the power outlet when you do not intend to use the unit for a prolonged period of time.) Before moving the unit, remove the disc from the unit`s tray first.

• Do not open the cover or touch any of the components inside the unit.

• Do not operate or install the unit under direct sunlight or near objects that radiate heat. This may lead to overheating of the unit.

• Do not operate or install the unit in moist or humid conditions. This may affect the pick-up of the unit.

• IInstall the unit on a flat surface with good air circulation. Please ensure the ventilation holes are not covered otherwise the unit will overheat and malfunction.

• Wipe the panel and case with soft dry cloth only. Do not apply any kind of thinner, alcohol or sprays when cleaning the unit.

## REMOTE CONTROL OPERATION:

* remove battery
cover

* insert
batteries

* close the
battery cover

CARE OF REMOTE CONTROL:

• Aim remote control at remote sensor of DVD.

• Do not drop the unit from a high position or

cause high imct

• Do not place the remote control in hot or

moist environments

• Do not splash water or any other liquid on

remote control

* point remote control directly to the remote

sensor

within 7 meters

-30° +30°
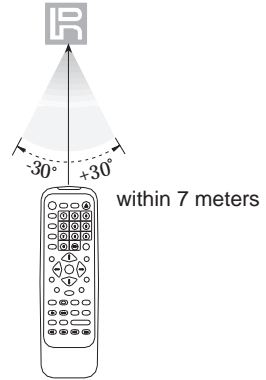
• Distance:

the remote control works best within 7 metres
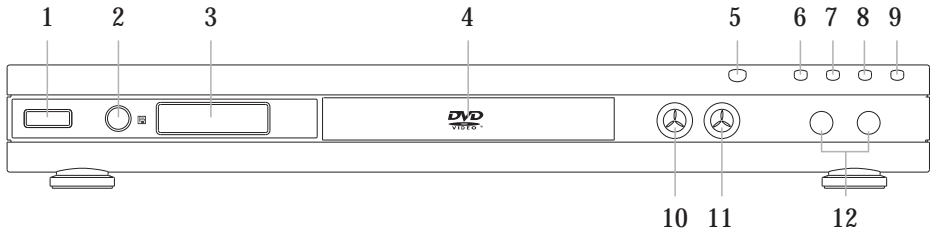
from the DVD player

• Do not expose the remote control sensor

directly to a heat source or it will malfunction

TYPES OF DISCS THAT CAN BE USED:

Disc	Size	Symbol	Content
DVD	12cm 8cm	DVD VIDEO ™	audio+video
SUPER VCD (SVCD. CVD)	12cm		audio+video
DVCD	12cm	COMPACT disc DIGITAL VIDEO DVCD	audio+video
MP3	12cm	MP3	audio
Video-CD (VCD)	12cm 8cm	COMPACT disc DIGITAL VIDEO VIDEO CD	audio+video
CD-DA	12cm 8cm	COMPACT disc DIGITAL AUDIO	audio
Kodak Picture CD	12cm 8cm	Kodak Picture CD COMPATIBLE	video

OPERATION INTERFACE

FRONT PANEL:

1. power on/off
2. receiver window
3. VFD display unit
4. disc tray

5. open/close
6. play/pause
7. stop
8. skip forward

9. skip backward
10. Mic volume
11. Echo volume
12. Mic input jack

REAR PANEL:
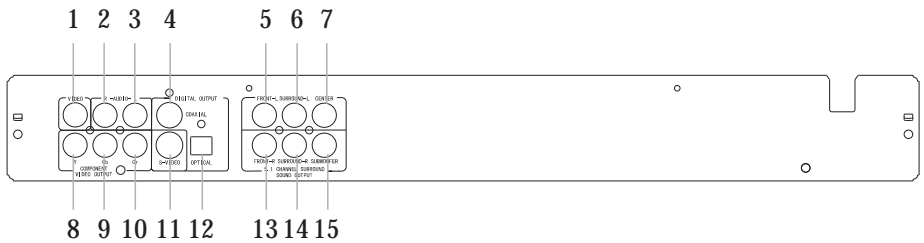
1. composite video output
2. right audio output
3. left audio output
4. digital coaxial output
5. left front channel output
6. left surround channel

7. center channel output
8. component video (Y) output
9. component video (Cb) output
10. component video (Cr) output
11. S-video output

12. digital optical audio output
13. right front channel output
14. right surround channel output
15. subwoofer output

VFD DISPLAY:
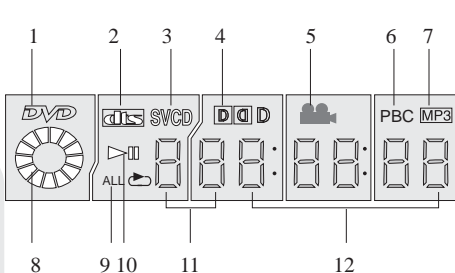
1. DVD Disc Indication
2. DTS Indication
3. SVCD/VCD/CD Disc Indication
4. Dolby Digital Indication
5. Multi-angle

6. PBC Playback
7. MP3 Disc Indication
8. Playing Status
9. Repeat
10. Play/Pause
11. Chapter Indication
12. Time Indication

C1

OPERATION INTERFACE

REMOTE CONTROL:
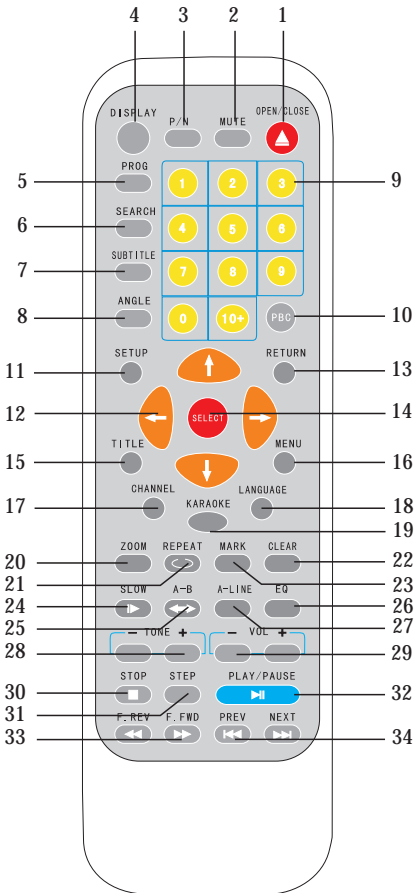
1. OPEN/CLOSE: open or close disc tray.

2. MUTE: close audio

3. P/N: Switch video output PALoutput

between NTSC

4. DISPLAY: time indication, title indication,

chapter indication

5. PROGRAM: programing the play list

6. SEARCH: select playback-place directly

7. SUBTITLE: select subtitle of disc supply

or cancel subtitle

8. ANGLE: select different angle which

recorded on disc

9. CHOOSE: number key

10. PBC: open/close PBC

11. SETUP: menu setup

12. direction key: move cursor direction

13. RETURN: return to disc menu playback

14. SELECT: confirm all of the operation for

selection

15. TITLE: enter to title playback

16. MENU: enter to menu playback

17. CHANNEL: choose output channel

18. LANGUAGE: choose different output

language

19. KARAOKE: on or off karaoke function

20. ZOOM: zoom in or out the current picture

21. REPEAT: repeat play the current chapter

22. CLEAR: clear function

23. BOOKMARK: memory play

24. SLOW: play the formal at slow motion

25. A-B: setup repeat play segment

26. EQ: select different audio effect

27. A-LINE: indicate current frequency chart

28. TONE: change melody by "-" debase "+"

rise

29. VOL: "-" debase current volume"+"rise

current volume

30. stop: stop play

31. STEP: playback current menu

32. PLAY/PAUSE: press one time to step,

press twice to renew playback

33. FASTBACKWARD&FASTFORWARD

34. SKIPBACKWARD&SKIPFORWARD

OPERATION INTERFACE

VIDEO SYSTEM CONNECTION:

TV/MONITOR STANDARD VIDEO INPUT

TV/MONITOR COMPONENT INPUT   TV/MONITOR S-VIDEO INPUT
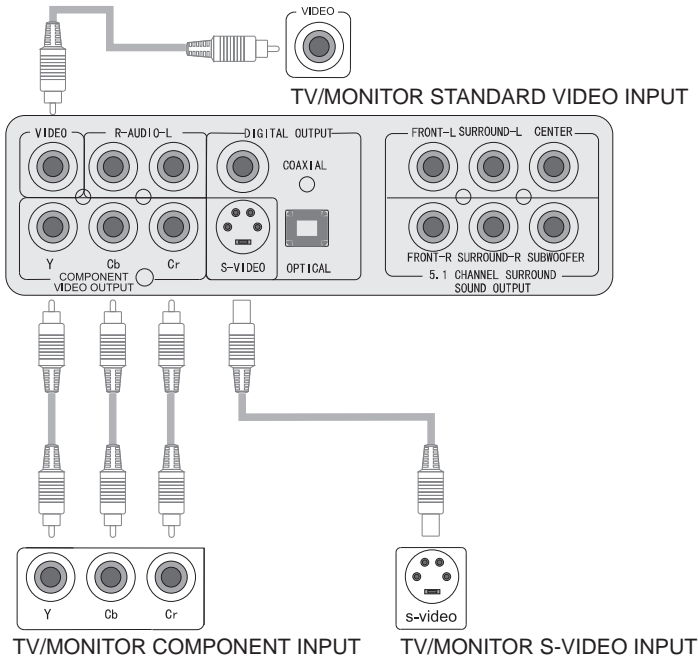
• The unit supports three choices of video output: composite video, S-video, and Component video output. Component video output obtains the best picture quality, followed by S-video.

• Composite video output:

Connect the AV cable (yellow) to the video output (yellow) of the unit and to the video input of your TV or monitor.

• S-video output:

Connect a S-video cable (not included) to the S-video output of the unit and to the S-video input of your TV or monitor.

• Component video output:

Connect a component video cable (Cb,Cr,Y) to the component video output of the unit and to the component video input of your TV or monitor. Cart input of TV or monitor.

• Note:

Select the type of audio output in the menu depending on the type of connection that is used.

To get a better picture effect, these four methods can not be applied simultaneously.

AUDIO SYSTEM CONNECTION:

AUDIO
R
L
COAXIAL
TV INPUT
AMPLIFIER INPUT

VIDEO R—AUDIO—L DIGITAL OUTPUT FRONT—L SURROUND—L CENTER
COAXIAL
Y Cb Cr S-VIDEO OPTICAL FRONT—R SURROUND—R SUBWOOFER
COMPONENT
VIDEO OUTPUT 5.1 CHANNEL SURROUND
SOUND OUTPUT

OPTICAL
AMPLIFIER INPUT

FRONT—L SURROUND—L CENTER
FRONT—R SURROUND—R SUBWOOFER
5.1 CHANNEL SURROUND
SOUND OUTPUT

AMPLIFIER INPUT

C4
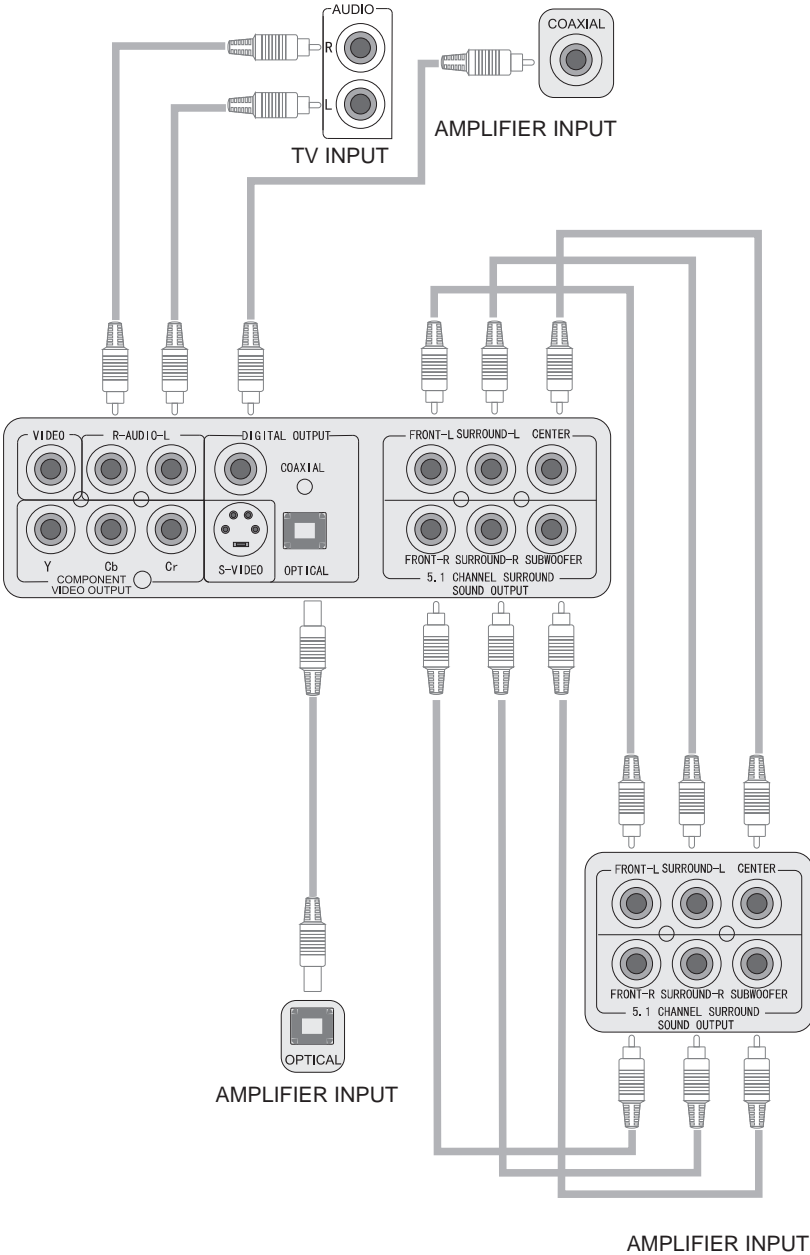
OPERATION INTERFACE

• The unit supports two choices of audio output: Analogy audio and digital audio. Analog audio includes stereo 2 channel and 5.1 channel. Digital audio includes optical and coaxial output. Digital audio obtains a better effect than analog.

• Stereo Output:

Connect with audio output jack for the mixing audio of the unit and the stereo input of TV or amplifier by audio cable.

• 5.1 channel output:

Connect with 5.1 channel output of the unit and corresponding input of amplifier by audio 5.1 channel cable.

• Coaxial output:

Connect the Digital coaxial cable to the coaxial output of the unit and the corresponding input of amplifier.(with digital coaxial inlet)

• Optical output:

Connect the Toslink optical cable to the optical output of the unit and the corresponding input of amplifier.(with digital optics inlet).
stereo input of TV or amplifier.

• Each connection must match to the internal setup of the unit. Please refer to the unit and the connection equipment before connection.

• DVD player supplies a wide dynamic range of frequencies so the amplifier volume must be suitable levels or the speakers may be damaged from sudden bursts of high volume sounds.

• During the operation, please power off amplifier before power on/off DVD player, the speaker may be damaged.

Setup Before Operation:

Before operation, please make sure the following setup is correct.

• Audio Output:

The unit has four choices of audio output: 2 channel, digital, 5. 1 channel and stereo PCM. Select different setup depending on your connection. For more information, please refer to system setup.

• TV System:

Select the corresponding system depending on your TV system. For more information, please refer to system setup.

• Video Output:

The unit has three choices of video output: composite video, S-video, component video output. Select different setup depending on your connection. For more information, please refer to system setup.

• Note:

DVD disc can support different scale of pictures. Maybe picture is not full screen or part of picture has been blocked.
The manual refer to English OSD.

BASIC PLAYBACK:

OPEN /CLOSE ● Press POWER key on the panel to turn on the DVD player.

Press OPEN/CLOSE to open the tray, and then place the disc on it ,press this button

again to close the tray. When finishing loading the disc , the TV screen will display

the disc type and the disc will be automatically played .(MP3 and JPEG disc can not

be automatically played)

MUTE ● Press MUTE to close the audio output and you can't hear the sound on TV or Amplier.

Press this button to mute the sound and press it again to renew the sound .

P/N ● Press P/N to adapt the TV system with changing from PAL to NTSC or from NTSC

to PAL .If you find the picture on the TV has no color ,please press this button .

DISPLAY ● Press DISPLAY to display the information referring to the disc on the TV screen.

● playback DVD disc state ● play super VCD,VCD2.0 in the state of opening PBC

Play time	menu time
Title- -/- -chapter- -/- - 0:00:00	menu- -/- - 00:00
Title spare time	single song menu spare time
Title- -/- -chapter- -/- - 0:00:00	menu- -/- - 00:00
Title spare time	OSD OFF
Title- -/- -chapter- -/- - 0:00:00	
chapter spare time	
Title- -/- -Title- -/- - 0:00:00	
OSD OFF	

● play super VCD,VCD2.0 in the state of closeing PBC ● Playback MP3 disc state

menu time	menu time 00:00
menu- -/- - 00:00	sing menu spare time 00:00
menu spare time	OSD OFF
menu- -/- - 00:00	
full disc tiem	
menu- -/- - 00:00	
full disc spare time	
menu- -/- - 00:00	
OSD OFF	

BASIC PLAYBACK

PROGRAM • If the disc has over two chapter or title, you can press this button to setup the playing

order which you want.

PRGO TT- -/CH- - [TT- -(TITLE)CH- -(CHAPTER)]

01 TT:__ CH:__   06 TT:__ CH:__

02 TT:__ CH:__   07 TT:__ CH:__

03 TT:__ CH:__   08 TT:__ CH:__

04 TT:__ CH:__   09 TT:__ CH:__

05 TT:__ CH:__   10 TT:__ CH:__

EXIT START BACK

• Press PROGRAM key to indicate in TV screen when play super VCD,DVD,CD disc.

PROG:MENU 00-00

01 __   06 00(MENU)

02 __   07 __

03 __   08 __

04 __   09 __

05 __   10 __

EXIT START BACK
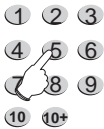
① ② ③ • Press number key to select chapter and title, and then move the cursor to "START"
④ ⑤ ⑥ by the direction key, finally, press SELECT to enter program playing. If the number you
⑦ ⑧ ⑨ want to program is over 10, please select "NEXT" to enter the next page. (the player
⑩ ⑩+ can program 20 chapter at most.)

• Playing MP3, press PROGRAM key, the TV screen will indicate the program mode.

Press direction key to select song menu what you want to program. Press Select key

to confirm menu. The system will program the current song to menu automatically.

Press direction key again entering the programmed system. Press select key to playback.

• NOTE:

When the unit read MP3 menu, press PROGRAM the first time, entering the program

mode. Press the second time, displaying file mode. Press the third time entering the

normal mode playback.

SEARCH • Press SERCH to select some chapter or title or time quickly which you want when

playing DVD disc.

• Press SERCH to select some song or time quickly which you want when playing S-

VCD,VCD,CD disc.

• Press SEARCH key indicating: Title--/-- Chapter--/--. press direction key selecting chapter search or title search. Press number key, selecting your desired title chapter. press SEARCH key again indicating: Title Time00/00. Select title playback at random by number key. press SEARCH key the third time indicating: Chapter Time00/00.

• Playback super VCD.VCD2 CD. press SEARCH key the first time, indicating: Disc 00/00. tray time press number key, selecting random time playback in full disc. press SEARCH key again, indicating: Menu Time00/00

SUBTITLE • If the disc has multi subtitle, you can press this button to select some subtitle. Press subtitle key, indicating as following: Subtitle1/3 Subtitle2/3 Subtitle3/3 Subtitle cancel.

ANGEL • If the disc has multi-angle ,you can press this button to switch observation angle. Press ANGEL key will have change as following when playing multi-angel: Angel/3 Angel2/3 Angel3/3

1 2 3 • Displaying VCD MP3 , press number key, selecting your desired menu or chapter
4 5 6 directly after reading disc content. If menu number litter than 10, press 10+ key and
7 8 9 then press another number key.
10 10+
• Note:The number key work just only closing the PBC in Super VCD,VCD2.0.

PBC • Displaying super VCD,VCD2.0 can playing menu. The disc can enter PBC menu automatically when starting playback. And then press number key selecting your desired song, if cancel disc playback, please press PBC key. TV screen indication: Memu1 Menu2 Menu3 Menu4. press number key directly to close PBC, choosing song menu which you want.

RETURN • Press RETURN to return to the menu when playing the DVD disc. Press RETURN to return to the menu and re-enter the menu-playing mode at the same time when playing S-VCD,VCD2.0 disc

TITLE • Press this button to return to the first title playback.

MENU • In play DVD mode, press MENU key the first time back to submenu and press again back to the main menu.

CHANNEL • If the S-VCD,VCD,CD disc has multi channel, you can press this button to select the sound from left vocal channel out or right vocal channel out or stereo out or downmix out .

BASIC PLAYBACK

LANGUAGE • Press this button to select your desired language when playing DVD,S-VCD which has multi-language.

ZOOM • Pressing this button, you can appreciate the zoom picture. Just only in the state of zoom-in, you can move the picture by direction key.

REPEAT • Press this button to repeat playing some song, some chapter , some title , or full disc.

BOOK MARK • When playing DVD SVCD VCD CD, press this key can set many memory position . You can select any memory position to play. Press this key, the screen will be disply :

01	02	03	04	05	06
07	08	09	10	11	12

Chapter : 00   Time: 00:00

Press "SELECT" key to play and press "CLEAR" to cancel

One playing , press "SELECT" key for the first time, the first blank will disply "01" , it means to play the first memory position. Then press direction key to select the secont blank, press selection key to play the second memory position. The same, you can select 12 times memory position playing.

CLEAR Clear memory playing : Select the memeory position you want to play by direction press, then press selection direction to play.

• Note: If power off or disc out, all the memorized position will giving up automatically.

A-LINE • Press this key to display the dynamic frequency chart which refer to the sound on the disc.

TONE

• Press this button to increase or decrease the tone.

VOL • Press this button to adjust the volume.

EQ • Press this button to select one of the following equalizer: ROCK , POP, LIVE,DANCE, TECHO,CLASSIC,SOFT

SLOW • Press this key, Appreciate slow picture, When play DVD, The class as bellows:

$$\boxed{\blacktriangleright} \rightarrow \blacktriangleright 1/2^* \quad \blacktriangleright 1/4^* \quad \blacktriangleright 1/8^* \quad \blacktriangleright 1/16$$
$$\llcorner \quad \blacktriangleleft 1/16^* \quad \blacktriangleleft 1/8^* \quad \blacktriangleleft 1/4^* \quad \blacktriangleleft 1/2 \lrcorner$$
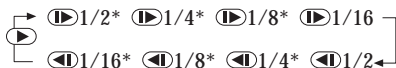
A-B
• Press A-B button at the beginning of the desired passage, memorizing the starting point A.

Press A-B button at the end of the desired passage. The unit will repeat your selected passage A-B.

Press A-B button to clearing the setting and returning to normal.

STOP
• Press STOP one time, memorizing the stopped position. When the unit continues playing. It will play from the stopped position. Press STOP the second time, the unit stops play and gives up the memorized position.

STEP
• Every press next will move the picture one frame. Press "PLAY" again to resume normal play.

▶ǁ
• In play mode, press this key to pause, press again, resume to play.

▶▶
• When play DVD, SVCD, VCD, CD, MP3, press this key to play forward speedily. The class as bellows: ▶▶2x* ▶▶4x* ▶▶8x* ▶▶16x* ▶

◀◀
• When play DVD, SVCD, VCD, CD, MP3, press this key to play backward speedily. The class as bellows: ◀◀2x* ◀◀4x* ◀◀8x* ◀◀16x* ▶

◀◀
• When play DVCD, VCD, CD, MP3, Press skipbackward to play last chapter. To play DVD, press skipbackward to next chapter or title.

▶▶
• When play SVCD, VCD, CD, MP3, Press skipforward to play next chapter. To play DVD, press skipforward to next chapter or title.

Karaoke:

Volume
• Turndown the "Mic Volume" "Echo Volue" to lowest, insert Mic to "MIC" jacle. You can insert two Mic meachtime. Press karaoke key on remote control, open karaoke function. Turn "MIC" to control Mic volume.

Turn "Echo Volume" to control karaoke echo volume.
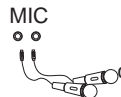
MIC
○ ○
• Clear the original sound. if you find the original sound exists when you sing, press channel key to select left channel or right channel(VCD), or press language key(DVD,

BASIC PLAYBACK

PICTURE CD

● Press Stop, TV screen show the following
12 small pictures.

Random Instruction Previous next

Press direction key to select the picture you
want to play.

Press direction key to select "Random" then
press select key to play random.

Press direction key to select "Instruction" then
press select key to the function keys instruction
menu.

Instruction Menu as follows:

Programme:To change picture transform
mode,

Stop: entering picture preview mode.

Skipbackward:last picture

Skipforward:next picture

Play: to play picture.   Direction key up: up
and down image.

Direction key down: move image left and right.
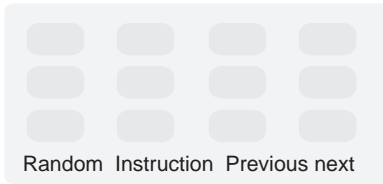
Direction key left: rotate 90 degree in reverse.

Direction key right: rotate 90 degree in
sequence.

Zoom in : change to zoom in mode.

Fastforward: zoom in picture.

Fastbackward: zoom out picture

Direction key: move zoom center.

MP3:

● When plaly mp3 disc, this player can search
disc content automatically and enter into play
mode, TV screen display the playing content.

```
01 __ (MENU)  06 __ (MENU)
02 __ (MENU)  07 __ (MENU)
03 __ (MENU)  08 __ (MENU)
04 __ (MENU)  09 __ (MENU)
05 __ (MENU)  10 __ (MENU)
   PLAY MODE     MENU PLAY
```

● Press PROG to select three playmode.

1.PROG

In PROG mode to press direction key to select
the chapters play turn. select the chapter, add
it to the play menu one by one. Then press
direction key to enter into edited programm.
press SELECT to play.

2 FOLDER

In FOLDER mode, to press dirction key to
select the folder you want to play. Press
SELECT to enter into current folder catalogue,
the press direction key to select chapter. you
can also press number key to select chapter.

3.NORMAL

In normal mode, the player will read all chapter
in disc. and play in the folder turn. you can
press number keys to select.

PLAY MODE

When playing disc, press dirction key to select
play mode , Then press dirction key to choose
play mode item: SINGLE FOLDER SHUFFLE
REPEAT FOLDER REPEAT ONE.

MENU OPERATION:

● Press setup key, screen shows set up menu, In setup mode, Press setup key again, quit setup menu.

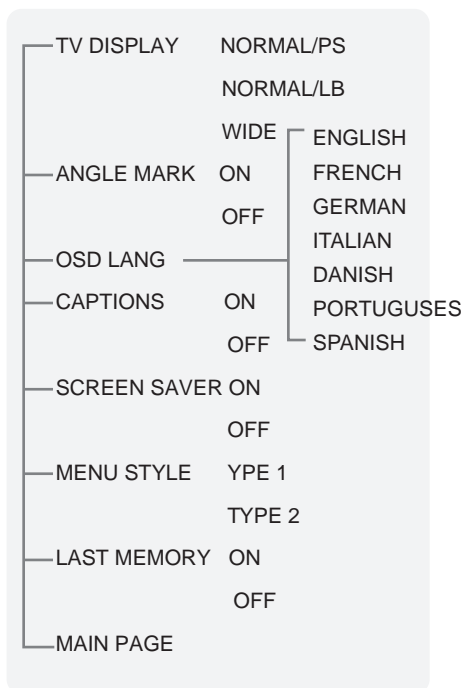● Press direction key to relevant item, press select key to confirm.

● Note:

1) To move cursor to relevant item, the menu showed on the screen accordingly.

2) Some menu setup is related with other set up and status, if it's grey, can not setup.

3) The setup can be memorized (except kalaoke) continue though power off.

GENERAL SETUP PAGE:

```
─── TV DISPLAY      NORMAL/PS
                    NORMAL/LB
                    WIDE ┌ ENGLISH
─── ANGLE MARK      ON    FRENCH
                    OFF   GERMAN
                          ITALIAN
─── OSD LANG ────────     DANISH
─── CAPTIONS        ON    PORTUGUSES
                    OFF └ SPANISH
─── SCREEN SAVER    ON
                    OFF
─── MENU STYLE      YPE 1
                    TYPE 2
─── LAST MEMORY     ON
                    OFF
──── MAIN PAGE
```

General Setup page

● TV Display

Normal/PS: When the unit connect with TV set, wide image showed on the whole screen, but a part is cut.

Normal/LB: When the unit connect with TV set, playing wide image, there ard black bands showed on the up and down screen.

Wide: Choose this when the unit connects with wide screen TV set.

● Angle mark

To select display angel, When play multi angle DVD disc.

● OSD LANG

To select operation language.

● Captions

This function is unuseful if no caption record in the disc. If the caption is close, press captions key on remote control to open captions function to select captions language. The original setup of this is open.

● Screen saver

When the unit is in stop mode, a moving picture will appear several minutes later if Screen saver is set on. screen saver will protect TV screen.

● Menu Style

To choose display style for setup.

● Last Memory

To remember the current play time, if this function setup is on, can play from the memorized play time. If powering off the unit give up.

SYSTEM SETUP

AUDIO SETUP:

```
┬── SPEAKER OUTPUT
├── SPDIF OUTPUT
├── CHANNEL EQUALIZER
├── 3D PROCESSING
├── HDCD
├── KARAOKE SETUP
└── MAIN PAGE
```

Note: A submenu page in every setup item.
The detail see the vary setup page.

SPEAKER SETUP:

```
┬── DOWN MIX          LT/RT
│                     STEREO
│                     5.1 CHANNEL
├── FRONTSPEAKER      LARGE
│                     SMALL
├── CNTR SPEAKER      ON
│                     OFF
├── REAR SPEKER       ON
│                     OFF
├── SUB WOOFER        ON
│                     OFF
├── TEST TONE         ON
│                     OFF
├── DIALOG ──────────────
├── POST DRC          ON
│                     OFF
│                     AUTO
└── GOTO AUDIO SETUP PAGE
```

SPEAKER SETUP PAGE

• DOWN MIX

LT/RT: If DOLBY PRO-LOGIC in the disc, when connected 2 channel stereo speaker, please choose LT/RT. If play 5.1 channel disc, the system can change 5.1ch to 2ch automatically.

• STEREO

If connected audio output is normal TV set, then output stereo, If DOLBY PRO-LOGIC and 5.1 channel function, both will be compressed to stereo output.

• 5.1 CHANNEL

If connected 5.1 channel input amplifier, the disc has 5.1 channel function, please choose this mode to output 5.1 channel DOLBY, you can setup the following stereo output setup on or off. The reference setup is stereo.

• SPEAKER

Turn ON these speakers and setup speaker's volume, This system can transmit the sound signal to different channel for 5.1 channel output. If karaoke is on or DOWN MIX 5.1 channel, these items can not be setup.

• TEST TONE

To test whether speaker system connects properly, also can adjust each channel's volume. If the function is on, the tested channel display on the left down corner: FRONT LEFT, CENTRE, FRONT RIGHT, RIGHT SURROUND, LEFT SURROUND, Audio output from each channel, To setup off or exiting setup menu if want to stop.

Note: Please set up this items in the case of opening disc tray.

• DIALOG

When playing the disc, set up this item to adjust voice dialog on, In DOWNMIX 5.1 CHANNEL mode, the function is not available. The reference set up is minimum volume.
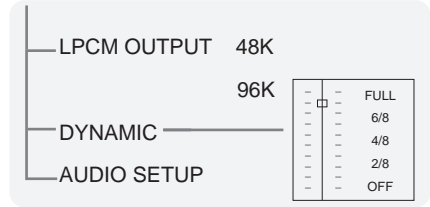
• POST DRC

Enable the item, when system power on, current increases slowly to the speaker, to prevent the speaker from electrical shork. Disable the item, the function is no use. When Automatic, system can setup automatically. The reference set up is on.

SPDIF SETUP PAGE:

```
┌─ SPDIF OUTPUT    SPDIF OFF
│                  SPDIF RAW
│                  SPDIF/PCM
│                  MANUAL
├─ CD              SPDIF OFF
│                  SPDIF RAW
│                  SPDIF/PCM
├─ DOBLY DIGITAL   SPDIF OFF
│                  SPDIF RAW
│                  SPDIF/PCM
├─ DTS             SPDIF OFF
│                  SPDIF RAW
│                  SPDIF/PCM
└─ MPEG            SPDIF OFF
                   SPDIF RAW
                   SPDIF/PCM
```

```
┌─ LPCM OUTPUT    48K
│                 96K        ── FULL
├─ DYNAMIC ──────              6/8
│                              4/8
└─ AUDIO SETUP                 2/8
                              OFF
```

SPDIF SETUP PAGE

• SPDIF OUTPUT

Turn OFF the optical and coaxial output, only analog output. If in manual mode, you can choose different output mode according with different disc. Reference setup is "SPDIF RAW".

• CD, DOBLY DIGITAL, DTS, MPEG

When SPDIF output is manual, please setup SPDIF output setup according with CD, DOLBY digital, DTS, MPEG Disc. If no optical output on these four modes, please set up SPDIF output to "SPDIF RAW". Reference setup is SPDIF RAW.

• LPCM OUTPUT

To set up different mode bwtween 48HKz to 96KHz according with different audio signal source.

Note: some amplifier cannot support 96HZ signal, and lead to unnormal sound from optical or coaxial digital output.

The reference setup is 48 KHZ.

• DYNAMIC

If watch dynamic scope large movie programmer at night, to select this mode to reduce the volume, meantime keep the little

SYSTEM SETUP

CHANNEL EQUALIZER :

```
─ EQ TYPE        NONW
                 ROCK
                 POP
                 LIVE
                 DANCE
                 TECHNO
                 CLASSIC
                 SOFT
─ BASS BOOST  ON
                 OFF
─ SUPER BASS  ON
                 OFF
─ CLEAR BOOST  ON
                     OFF
─ AUDIO SETUP
```

• EQ TYPE

Seven modes are available. Select "Live", to get live music effect, when EQ TYPE is off, the sound of the disc will output directly. You can setup the other items to reach your requirement. The reference setup is OFF.

• BASS BOOST, SUPER BASS and CLEAR BOOST

To setup BASS BOOST, super BASS, CLEAR BOOST to assort with EQ TYPE to reach a perfect status.

3D PROCESSING:

```
─ PRO LOGIC      ON
                 OFF
                 AUTO
─ REVERB MODE  OFF
                 CONCEPT
                 LIVING ROOM
                 HALL
                 BATHROOM
                 CAVE
                 ARENA
                 CHURCH
─ CHANNEL DELAY
─ AUDIO SETUP
```

• PRO LOGIC

PRO-Logic mode setup, when it's on, the output mode is Dolby PRO-LOGIC as same as original record channel. When it's auto, the system select type automatically. The reference setup is on.

• REVERB MODE

When PROLOGIC is ON, you can select REVERB MODE, 7 types are available. The reference setup is OFF.

CHANNEL DELAY:

```
┌─CENTER          0CM
├─LS              170CM
├─RS              170CM
├─SUBWOOFER       0CM
└─3D PROCESSING
```

• CHANNEL DELAY PAGE

If you're not satisfied with the above REVERB MODE, you can choose MANUAL. Please refer to CHANNEL DELAY to setup.

• CENTER, LS, RS, SUBWOOFER, 3D PROCESSING DELAY SETUP

If you put DOLBY DIGITAL(AC-3) surround sound speakers in a circle around, the sound effect will be perfect. But normally it's hard to do so. Then you can setup these items to reach the original sound effect . Meantime, you can setup distance by manual of each audio channel. The reference setup is 0, 170cm, 170cm, 0

HDCD SETUP PAGE:

```
┌─FILTER          OFF
│                 44.1K
│                 88.2K
└─AUDIO           SETUP
```

• FILTER

This setup can change output sample rate when playing HDCD disc.

Setup for 44.1KHz, the system can output all signal of the disc sample rate between 0 to 44.1KHz

the signal over 44.1KHz will be cut .

Setup for 88.2KHz, the system can output all signal of the disc sample rate between 0 to 88.2KHz , the signal over 88.2KHz will be cut

Setup for off, the system will output all signal without any limit.

KARAOKE SETUP:

```
┌─MIC             ON
│                 OFF
└─AUDIO           SETUP
```

VIDEO SETUP PAGE:

```
┌─SHARPNESS       HIGH
│                 MEDIUM
│                 LOW
├─BRIGHTNESS 0
├─CONTRAST   0
├─LUMA DELAY 0T
│                 1T
├─SCART           YCbCr
│                 RGB OUTPUT
└─MAIN PAGE
```
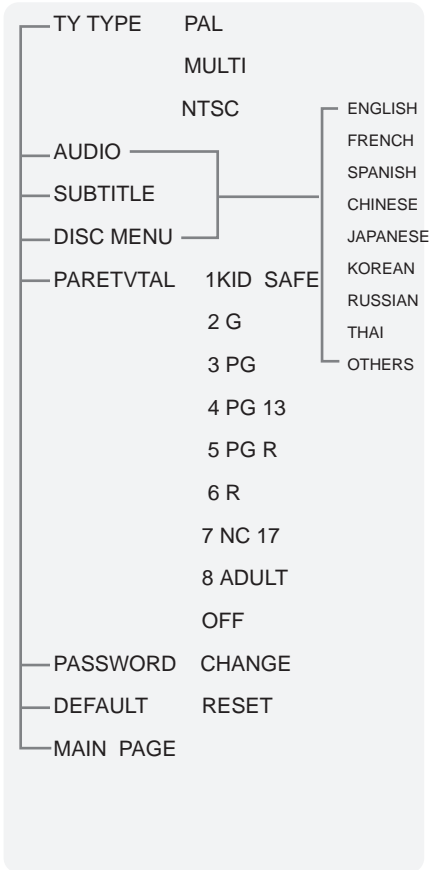
• SHARPNESS, BRIGHTNESS, CONTRAST, LUMA DELAY

Please set up these three items to control the video output terminal, such as TV set, display screen etc, to reach a satisfied image. The refence setup is "MEDIUM", O, O, OT.

SYSTEM SETUP

PREFERENCE PAGE :

```
—TY TYPE    PAL
                  MULTI
                  NTSC              — ENGLISH
                                      FRENCH
— AUDIO ———                          SPANISH
                                      CHINESE
— SUBTITLE  ————                     JAPANESE
— DISC MENU ———                      KOREAN
— PARETVTAL   1KID  SAFE             RUSSIAN
                  2 G                THAI
                  3 PG             — OTHERS
                  4 PG 13
                  5 PG R
                  6 R
                  7 NC 17
                  8 ADULT
                  OFF
— PASSWORD   CHANGE
— DEFAULT    RESET
—MAIN  PAGE
```

You can setup the parental through inputing

password, the default password is 8806.

The preference setup is ON.

When play the grade control disc, press

parental to select grade.

Reset the setup mode to the preference.

SYMPTOM AND SOLUTION:

When having problem with the unit, please check this list for a possible solutionbefore asking for
service.

Symptom	Reason(s)	Solution(s)
No power	Do not connect power cord to the wall outlet	Connect them well
No picture	Do not set up TV in correct setting	Set up TV in correct mode
	Do not connect video cable securely	Connect them well
No sound	Do not connect audio cable securely	Connect them well
	Do not power the audio connection system on	Power it on
	The audio output setting is not correct.	Set it in correct mode
Distorted picture	Disc is dirty.	Clean the disc or try another one.
	In fastforward or fastbackward mode	Sometimes, the tiny distortion appears, itis normal condition.
Luminance unsteady or picture with noise	Circuitry influence	Connect DVD video player to TV directly
Unable to play	Do not load disc in	Place disc in
	The disc loaded in can not play	Place readable disc in(check the disc type)
	The disc is loaded upside down	Replace the disc with the label side up
	Do not load disc in guide slot	Load the disc correctly
	Disc dirty	Clean the disc
	TV screen has menu	Press Setup turning off the menu.
	Parental lock function	Unlock it or change the rating
Key no function	Power wave or other abnormal phenomeno (such as static) disturbs the normal condition.	Switch on/off power or unplug/replug the power cord.
Remote control does not work	Do not point remote control at the remote sensor directly.	Point remote control at the remote sensor directly.
	Remote control is too far from DVD unit.	Operate remote control within 7 meters
	Batteries are exhausted.	Replace the batteries and insert in correct polarities.

SPECIFICATIONS

DVDPLAYER/OUTPUT:

DVD Player

Power Supply	~90-240V AC 50/60Hz
Power Consumption	25W
Weight	3.1Kg
Dimension	430x50x250mm(W/H/D)
Video System	NTSC/PAL
Optical read-out system	Semiconductor AIGaAs Weam, wave length: 650nm,780nm
Audio Frequency Response	DVD audio: Fs 48KHz PCM 4 Hz~22Hz Fs 96KHz PCM 4Hz~44KHz Audio CD Fs 44.1Hz 4Hz~20KHz
S/N Ratio	>90dB
Audio Dynamic Range	>90dB
Rotating Ratio	Within measurable range
Operation Condition	Temperature $0°c \sim 40°c$; Operation status: horizotion

Output

Video Output	1.0 V(P-P), 75 Ω
S-video Output	(Y) 1.0V (P-P), 75 Ω (C) 0.286 V (P-P), 75 Ω
Audio Output(Analog Audio)	2.0 V(rms)

LANGUAGE ABBREVIATION:

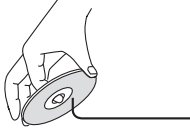| Language Abbreviation	Language Abbreviation	Language Abbreviation	Language Abbreviation
----- (no language)	ET		SL
CHI	EU	LO	SM
DUT	FA	LT	SN
ENG	FI	LV	SO
FRE	FJ	MG	SQ
GER	FO	MI	SR
ITA	FY	MK	SS
JPN	GA	ML	ST
KOR	GD	MN	SU
MAY	GL	MO	SV
SPA	GN	MR	SW
AA	GU	MT	TA
AB	HV	MY	TE
AF	HI	NA	TG
AM	HR	NE	TH
AR	HU	NO	TI
AS	HY	OC	TK
AY	IA	OM	TL
AZ	IE	OR	TN
BA	IK	PA	TO
BE	IN	PL	TR
BG	IS	PS	TS
BH	IW	PT	TT
BI	JI	QU	TW
BN	JW	RM	UK
BO	KA	RN	UR
BR	KK	RO	UZ
CA	KL	RU	VI
CO	KM	RW	VO
CS	KN	SA	WO
CY	KS	SD	XH
DA	KU	SG	YO
DZ	KY	SH	ZU
EL	LA	SI	
EO	LN	SK	

ADDITIONAL INFORMATION
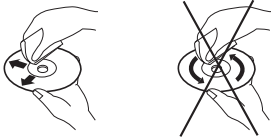
Care of disc:

Do not touch the signal surface.

Do not add labels or adhesive tapes on the discs.
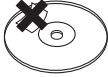
Cleaning of discs:

Finger prints or stains on the surface of the disc
will directly affect signal recording and result in a poorer picture quality. Therefore, please use a soft cloth and wipe in a radiating manner from the centre to the outer rims when cleaning the disc.

If the surface of your disc is very dirty, wipe the disc with a moist cloth. Finally use a dry soft cloth to remove all the water stains. Never use electrostatic prevention products as well as sloutions which contain benzene, thinner or any other vaporizing substances, as they may damage the disc surface.

Storage of disc:

Storage of disc:

Do not keep the disc in the direct sunlight, near the heat source, in the dusty places or moisture (kitchen, bathroom). Keep the disc vertically in the disc storage case. Heavy objects on the disc case will cause deformation to the disc.

Copyright Attention:

Copy, broadcast, play or rent the disc is forbidden without legal permission.

TV System:

Please connect the unti to the TV compatible with
PAL/NTSC.

About this manual

This manual explains the basic specifications of this unit. Some DVD disc may have special requirement and the unit may not play such discs. Please refer to the disc instruction.

TERMS:

DTS digital theatre system	DTS is a kind of surround sound system different from Dolby digital system. Now, it is widely used in movie and CD disc field.
PBC play back control	PBC is a recorded signal which can control SVCD or VCD playback. Through PBC menu, you can search your desired track/title conviently. Besides, you can also appreciate the high resolution still picture.
PCM pulse code modulation	PCM is a kind of digital sound. The digital sound which CD disc adopts is PCM.

CONTENTS